AMENDMENTS TO THE CLAIMS

Docket No.: 0020-5190P

This listing of claims will replace all prior versions, and listings, of claims in the application.

- 1. (currently amended) A power amplification circuit comprising:
 - a power amplifier; and
- a <u>serial negative feedback</u> circuit connected between a grounding terminal of the power amplifier and ground,

wherein

the negative—feedback serial circuit includes a diode has having a variable impedance characteristic, and

wherein

the impedance of the negative feedback serial circuit depends on a signal voltage occurring across the negative feedback serial circuit.

2. (currently amended) The power amplification circuit according to Claim 1, wherein

the impedance of the negative feedback serial circuit decreases as the signal voltage occurring across the negative feedback circuit increases.

- 3. (previously presented) A power amplification circuit comprising:
 - a power amplifier; and

a negative feedback circuit connected between a power signal input terminal and a power signal output terminal of the power amplifier,

Docket No.: 0020-5190P

wherein

impedance of the negative feedback circuit depends on a signal voltage occurring across the negative feedback circuit, and

wherein

the negative feedback circuit is a series connection circuit in which a diode and a capacitance device are connected in series or a series connection circuit in which a diode, a capacitance device and a feedback resistor are connected in series, wherein the diode has a variable impedance characteristic, and

a connecting point between the diode and the capacitance device is grounded via a grounding resistor, and

wherein

a bias power supply for the power amplifier is connected to one end of the series connection circuit so that the diode is biased.

4. (currently amended) The power amplification circuit according to Claim 3, wherein

the diode is constituted of a <u>base-collector</u> junction or a base-emitter junction <u>between two terminals out of base</u>, <u>collector and emitter</u> of a bipolar transistor.

5. (original) The power amplification circuit according to Claim 4, wherein

the power amplifier is constituted of a bipolar transistor,

Docket No.: 0020-5190P

the bipolar transistor constituting the diode and the bipolar transistor used for the power amplifier are generally equal to one another in bias-current temperature characteristics.

6. (currently amended) The power amplification circuit according to Claim 3, wherein

the diode is constituted of a <u>gate-drain</u> junction <u>or a</u>

gate-source junction <u>between two terminals out of gate, drain</u>

and source of a field effect transistor.

- 7. (previously presented) A communication device comprising:
- a power amplification circuit, the power amplification circuit comprising:
 - a power amplifier; and
- a negative feedback circuit connected between a power signal input terminal and a power signal output terminal of the power amplifier,

wherein

impedance of the negative feedback circuit depends on a signal voltage occurring across the negative feedback circuit, and

wherein

the negative feedback circuit is a series connection circuit in which a diode and a capacitance device are connected in series or a series connection circuit in which a diode, a

capacitance device and a feedback resistor are connected in series, wherein the diode has a variable impedance characteristic, and

Docket No.: 0020-5190P

wherein

the power amplification circuit is a transmitting section.